

**APPARATUS AND METHOD FOR CREATING SKETCH-BASED EGGCRATE  
SUBSTRUCTURES FOR COMPOSITE PARTS**

Abstract of the Disclosure

An apparatus and method of creating a sketch-based eggcrate substructure for manufacturing composite parts, includes creating an input model from a plurality of inputs; launching a batch job using the created input model; and obtaining an output model by running the batch job, or running the program interactively using the input model and obtaining an output model.